

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization  
International Bureau**



A standard linear barcode is located at the bottom of the page, spanning most of the width.

**(43) International Publication Date  
14 December 2000 (14.12.2000)**

PCT

(10) International Publication Number  
**WO 00/75277 A2**

|   |                             |   |
|---|-----------------------------|---|
| (51) International Patent Classification <sup>7</sup> :   | C12N                        | (74) Agents: COLB, Sanford, T. et al.; Sanford T. Colb & Co., P.O. Box 2773, 76122 Rehovot (IL).  |
| (21) International Application Number:  | PCT/IL00/00335              |   |
| (22) International Filing Date:   | 7 June 2000 (07.06.2000)    |   |
| (25) Filing Language:   | English                     | (81) Designated States ( <i>national</i> ): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW. |
| (26) Publication Language:  | English                     |   |
| (30) Priority Data:<br>130395   | 9 June 1999 (09.06.1999) IL | (84) Designated States ( <i>regional</i> ): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  |
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**Published:**

— Without international search report and to be republished upon receipt of that report.

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WO 00/75277 A2

**(54) Title: A MOLECULAR MARKER BASED ON THE Frk2 (FRUCTOKINASE 2) GENE**

**WO** (57) Abstract: A molecular marker that distinguishes a *Frk2* gene originating from *Lycopersicon esculentum* as opposed to a *Frk2* gene originating from a wild *Lycopersicon* species, said marker being a marker for increased fructose/glucose ratio in tomato fruit as compared to a ratio generally present in standard tomato cultivars.